	CLAIMS
1.	the identification of tissue
2	CLAIMS CLAIMS Apparatus for aiding in the identification of tissue 1. Apparatus for aiding tissue in an impedance image
3	type for an anomalous classes
4	comprising:
5	comprising: means for providing a polychromic immitance map of a
6	portion of the body; means for determining a plurality of polychromic image; and
7	means for determining a product image; and
8	means for determining a plutation measures of an anomalous region of the immitance image; and a display which displays an indication based on said
9	- dichlay which displays and -
10	plurality of polychromic measures.
11	2. Apparatus according to claim 1 including means for
12	2. Apparatus according to Claim 1 Thousand 2. Apparatus according to Claim 2 Thousand 2 Thousan
13	providing a map of said polychromic medication includes a display of a plurality of said maps.
14	indication includes a disploy
15	3. Apparatus according to claim 2 wherein said display
16	3. Apparatus according to Claim 2 who includes an overlay of maps of said polychromic measures.
17	includes an overrer
18	4. Apparatus according to claim 3 and including means for
19	4. Apparatus according to claim 3 and instance with matching the values of the plurality of measures with
20	atermined values of the most
21 22	- of the anomalous cissue.
23	A wherein the values of the
24	Apparatus according to Claim a management of the control of the co
25	measures are normalized values.
26	
27	6. Apparatus according to claim 3 the display of a map of said determined tissue type.
28	the display of a map of said to
29	7. Apparatus for determining a tissue type for an anomalous
30	7. Apparatus for deserming
、 3	tissue comprising: means for determining a plurality of polychromic
3	means for dotter measures of the anomalous tissue; and measures of the anomalous the values of the plurality of
3	measures of the anomalous tissue; and measures of the anomalous tissue; and measures of the plurality of means for matching the values of the measures to
3	dotarmineu val
	the tissue type of the
	6 identify the trade of the
	37 38 8. Apparatus according to claim 7 wherein the values of the
	are normalized values.
;	ge measures are not - 52 -

Apparatus according to claim 7 wherein one of the 1 3 polychromic m asures is derived from the frequency at which 4 the capacitance spectrum of th anomaly crosses a capacitance 5 spectrum of typical nonanomolous regions.

6

Apparatus according to claim 7 wherein one of the 8 polychromic measures is derived from the integrated deviation of the capacitance or conductance of the anomaly from that of typical nonanomolous regions.

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Apparatus according to claim 10 wherein one of the 11 13 polychromic measures is derived from the sum, over a plurality of frequencies, of the positive deviations of the 15 capacitance of the anomaly from that of typical nonanomolous regions. 16

Apparatus according to claim 10 wherein one of the 17 polychromic measures is derived from the sum, 18 plurality of frequencies, of the negative deviations of the capacitance of the anomaly from that of typical nonanomolous regions. 22

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Apparatus according to claim 10 wherein one of the polychromic measures is derived from the sum, 24 plurality of frequencies, of the positive deviations of the conductance of the anomaly from that of typical nonanomolous regions. 28

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Apparatus according to claim 7 wherein one of the measures is the integral of the phase or the sum 30 of phase values over a range of frequencies. 32

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Apparatus according to claim 7 wherein one of the 35 measures is the difference between the integral of the 36 difference between the phase at a point and the mean or 37 median value of the phase in the image, over a range of frequencies.

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- 25670 1 16. Apparatus according to claim 7 wherein one of the 2 measures is th d rivative of the capacitance curve or its 3 logarithm as a function of frequency, evaluated at a given 4 frequency. 17. Apparatus according to claim 7 wherein one of the measures is the derivative of the conductance curve or its 6 logarithm as a function of frequency, evaluated at a given

 - frequency. 9
- 18. Apparatus according to claim 7 wherein one of the 10
- measures is a frequency at which the phase of the impedance 11 12
- 13 reaches a specified value.
- 15 19. Apparatus according to claim 16 wherein the specified
- 16 value is 45 degrees.
- A method of determining a tissue type for tissue in an 17
- 19 anomalous region in an immitance image, comprising:
- determining a plurality of polychromic measures of said 20
- matching the values of the plurality of measures with 21 anomalous region; and
- 23 predetermined values to identify the tissue type of the
- anomalous region. 24
- A method of determining a tissue type for an anomalous 25 21. 26
- 27
- determining a plurality of polychromic measures of the tissue: 28
- matching the values of the plurality of measures with 29 anomalous tissue;
- 31 predetermined values to identify the tissue type of the
- anomalous tissue. 32
- A method according to claim 21 wherein one of the 33
- 35 polychromic measures is derived from the frequency at which
- the capacitance spectrum of the anomaly crosses a capacitance
- 37 spectrum of typical nonanomolous regions.
- A method according to any of claim 21 wherein one of the 38 23. 39

- 1 polychromic measures is derived from the integrated deviation 2 of the c pacitance or conductance of the anomaly from that of typical nonanomolous regions. A method according to claim 23 wherein one of the 3 6 polychromic measures is derived from the sum, over a
 - 7 plurality of frequencies, of the positive deviations of the
 - capacitance of the anomaly from that of typical nonanomolous
 - g regions.
 - A method according to claim 23 wherein one of the
 - 12 polychromic measures is derived from the sum, over a
 - 13 plurality of frequencies, of the negative deviations of the
 - capacitance of the anomaly from that of typical nonanomolous
 - regions.

- A method according to claim 23 wherein one of the 15 16
- 18 polychromic measures is derived from the sum, over a
- 19 plurality of frequencies, of the positive deviations of the
- 20 conductance of the anomaly from that of typical nonanomolous
- 21 regions.

- A method according to claim 21 wherein one of the 22 23 27.
- 24 measures is the integral of the phase or the sum of phase
- 25 values over a range of frequencies.
- 27 28. A method according to claim 21 wherein one of the
- 28 measures is the difference between the integral of the
- 29 difference between the phase at a point and the mean or
- 30 median value of the phase in the image, over a range of
- 31 frequencies.

- 29. A method according to claim 21 wherein one of the 32
- 34 measures is the derivative of the capacitance curve or its
- 35 logarithm as a function of frequency, evaluated at a given
- 36 frequency.

- A method according to claim 21 wherein one of the 37
- 39 measures is the derivative of the conductance curve or its

logarithm as a function of frequency, evaluated at a given frequency. 1	25670 ovaluated at a give	ņ
frequency. 3	respithm as a function of frequency, evaluated	
3 31. A m thod according to claim 21 wherein one of the measur s is a fr quency at which the phase of the impedance reaches a specified value. 32. A method according to claim 31 wherein the specified value is 45 degrees. 33. A method according to claim 21 wherein the values of the measures are normalized values. 34. The specified value is 45 degrees. 35. A method according to claim 21 wherein the values of the measures are normalized values.		
freaches a specified value. 32. A method according to claim 31 wherein the specified value is 45 degrees. 33. A method according to claim 21 wherein the values of the measures are normalized values. 13 14 15 16 17 18 19 20 21 22 23	2 frequency.	e
freaches a specified value. 7 8 32. A method according to claim 31 wherein the specified value is 45 degrees. 10 11 33. A method according to claim 21 wherein the values of the measures are normalized values. 13 14 15 16 17 18 19 20 21 22 23	3 thod according to claim 21 wherein one of the impedance	:e
7 32. A method according to claim 31 wherein the specified 9 value is 45 degrees. 10 11 33. A method according to claim 21 wherein the values of the 12 measures are normalized values. 13 14 15 16 17 18 19 20 21 22 23	4 31. A m those at which the phase of the impossing	_
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10 33. A method according to claim 21 wherein the values of the 12 measures are normalized values. 13 14 15 16 17 18 19 20 21 22 23	8 32. A method access	
12 measures are normalized variations 13	9 value is 45 degrees.	20
12 measures are normalized variety 13 14 15 16 17 18 19 20 21 22 23	10 according to claim 21 wherein the values of the	
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